

Message Text

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PAGE 01 TOKYO 00415 130818Z

17

ACTION OES-05

INFO OCT-01 EUR-12 EA-10 ISO-00 ACDA-10 CIAE-00 INR-07

IO-10 L-02 NSAE-00 NSC-05 RSC-01 FEA-01 /064 W

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R 130710Z JAN 75

FM AMEMBASSY TOKYO

TO AEC GERMANTOWN

INFO SECSTATE WASHDC 7245

USMISSION EC BRUSSELS

UNCLAS TOKYO 0415

FOR MICHAEL MCDONOUGH, DIP AND J. LAFLEUR, DRGL FROM YOUNG

E.O. 11652:N/A

TAGS: TECH, JA

SUBJECT: MIHAMA-II STEAM GENERATOR LEAK

1. KANSAI ELECTRIC POWER COMPANY'S MIHAMA-II 500 MW PWR WAS SHUT DOWN AT 1640 ON JAN 8 WHEN RADIATION WAS DETECTED IN THE SECONDARY COOLANT. DISCHARGE OF SECONDARY COOLANT WAS HALTED AT THE ALARM. IT WAS REPORTED THAT 0.15 CURIE LEAKED FROM THE PRIMARY COOLANT BEFORE THE SCRAM. A PINHOLE IN A STEAM GENERATOR TUBE IS SUSPECTED.

2. THE MIHAMA-II STEAM GENERATORS WERE BUILT BY MITSUBISHI ON A WESTINGHOUSE ELECTRIC DESIGN AND ARE OF A DIFFERENT TYPE THAN THE MIHAMA-I STEAM GENERATOR WHICH IS BASED ON A COMBUSTION ENGINEERING DESIGN. MIHAMA-I IS STILL PLAGUED BY PIN HOLES AND TUBE THINNING IN THE STEAM GENERATOR AND IS DOWN AT THIS TIME BECAUSE OF THIS PROBLEM. SO FAR ABOUT 20 TO 23 PERCENT OF THE MIHAMA-I STEAM GENERATOR TUBES HAVE BEEN PLUGGED. WESTINGHOUSE REP SAYS WH IS FURNISHING TWO NEW STEAM GENERATORS FOR MIHAMA-I BUT NOT SURE IF KANSAI WILL INSTALL.

3. WH FEARS BECAUSE OF PWR STEAM GENERATOR PROBLEMS MITI MAY FACE SHUTDOWN OF TAKAHAMA-I AND THIS COULD BE QUOTE FATAL UNQUOTE TO REACTOR PROGRAM. SECONDARY SYSTEM OF NEITHER MIHAMA-I
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PAGE 02 TOKYO 00415 130818Z

NOR MIHAMA-II HAVE CONVERTED TO ALL VOLATILE TREATMENT FOR

SECONDARY COOLANT.
HODGSON

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NNN

Message Attributes

Automatic Decaptioning: X
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Disposition Approved on Date:
Disposition Authority: n/a
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Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
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Margaret P. Grafeld
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